

HEALTH

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C.R. 54

KETTON RURAL DISTRICT.Public Health Officers of the Authority:-Medical Officer of Health:-W. Anley Hawes. M.B., B.S., D.P.H.,
Part Time. Lond.Sanitary Inspector:-

L.J. Roll. A.R.San.I., Cert. S.I.B.

To the Chairman and Members of the Ketton Rural District Council.
Gentlemen,

I have the honour to present my Annual Report and that
of the Sanitary Inspector for the Year 1949.

The birth rate of the district at 20.8 is well above
the average for England and Wales (16.7). The death rate
12.6 is slightly higher than last year but is only slightly
in excess of that for the rest of the Country (11.7). For
the second time in the last 10 years no children under 1 year
of age have died - giving an Infantile Mortality rate of 0
as compared with 32.0 for England and Wales. No cases of
diphtheria have been reported and it will be seen that the
incidence of infectious diseases is very low and the mortality
rate nil.

A start has been made on the much needed and long planned
piped water supply for the Ryhall group of villages; the
quantity and quality of water from the Ryhall bore hole are
very satisfactory.

No new council houses have been built during the year,
but building was in progress on 24 new houses at Ryhall and
4 at Ketton.

As stated later in this report, the present disposal of
night soil is unsatisfactory and in view of the possible con-
tamination of underground water, needs particular consideration
and action until such a time as the only real remedy is pro-
vided by the installation of waterborne sewerage systems.

I have the honour to be,

Your obedient Servant,

W. ANLEY HAWES,

Medical Officer of Health.

STATISTICS.SECTION A.

Area.....	16,549
Population	2923.
Number of Inhabited Houses.....	855.
Rateable Value	£11,524.
Sum represented by Penny Rate	£45.

THE HISTORY OF THE

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SOCIAL CONDITIONS.

The chief industry is agriculture. Other employment is provided by Cement Works, Agricultural Machinery Works and Quarries.

VITAL STATISTICS.

	M.	F.	Total.
<u>LIVE BIRTHS.</u>	27.	34.	61.

Legitimate	26.	31.	
Illegitimate	1.	3.	

Rate per 1000 estimated population.....	20.8.
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Corresponding rate for England and Wales	16.7.
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STILL BIRTHS.

	M.	F.	
Legitimate	-	3	
Illegitimate	-	-	

Rate per 1000 estimated population	1.0.
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Corresponding rate for England and Wales	0.39.
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DEATHS.

	M.	F.	Total.
Number of Deaths	24.	13.	37.

Death Rate per 1000 estimated population	12.6.
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Corresponding rate for England and Wales	11.7.
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MATERNAL DEATHS.

Deaths from Puerperal Sepsis	Nil.
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Deaths from other Maternity causes	Nil.
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Rate per 1000 total live and still births	Nil.
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Corresponding rate for England and Wales	0.7.
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INFANTILE MORTALITY RATE.

Death Rate of Infants under 1 year of age:-

All Infants per 1000 live births	Nil.
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Legitimate Infants live births	Nil.
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Illegitimate Infants live births	Nil.
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Corresponding Rate for England and Wales	32.0.
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Analyses of Deaths.

Causes of Deaths.					Male.	Female.
Influenza	-	1
Cancer	1	-
Inter Cranial Vascular Lesions				...	4	1
Heart Disease	...	...	...	...	4	5
Other Diseases of Circulatory System					2	2
Bronchitis	...	...	...	...	3	1
Pneumonia	...	...	...	...	1	-
Ulcer of Stomach and Duodenum				...	2	-
Nephritis	...	...	...	...	1	1
Suicide	...	...	...	...	1	1
Road Traffic Accidents			...	...	1	-
All other causes	...	...	...	...	4	-
Total					24	13

ANALYSIS OF CASES OF INFECTIOUS DISEASES AND DEATHS THEREFROM.

Diseases.	Total Cases Notified.	Cases Admitted to Hospital.	Total Deaths.
Scarlet Fever.	4	-	-
Pneumonia	2	1	-
Measles	3	-	-
Whooping Cough	12	-	-
Diphtheria	-	-	-
Erysipelas	1	-	-
Puerperal Pyrexia	-	-	-
Acute Poliomyelitis	-	-	-
Total	22	1	-

Age Distribution of the Notified Infectious Diseases.

	Not known.	Under 1	1-	2-	3-	4-	5-	10-	15-	20-	25-	35-	45-	55-	65-	Total
Scarlet Fever	-	-	1	1	1	1	4	1	1	1	1	1	1	1	1	4
Pneumonia	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
Erysipelas	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Measles	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	3
Whooping Cough	1	2	2	3	2	1	2	1	1	1	1	1	1	1	1	12
Total	1	2	2	3	2	1	9	1	1	1	1	1	1	1	1	32

Case rate of Certain Infectious Diseases.

Rates per 1000 civilian population.

	Ketton R.D.	England & Wales.
Typhoid Fever ...	0	0.01
Paratyphoid Fever ...	0	0.01
Cerebro Spinal Fever ...	0	0.02
Whooping Cough ...	1.40	2.39
Diphtheria ...	0	0.04
Erysipelas ...	0.39	0.19
Smallpox ...	0.00	0.00
Measles ...	1.00	8.95
Pneumonia ...	0.66	0.80
Acute Poliomyelitis ...	0	0.13
Acute Poliоencephalitis ...	0	0.01
Food Poisoning ...	0	0.14

TUBERCULOSIS.

	Deaths during 1949.				New cases during 1949.			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
10-15yrs	-	-	-	-	-	-	-	-
15-25yrs	-	-	-	-	-	1	-	-
Total	-	-	-	-	-	1	-	-

FACTORIES ACT, 1937.

1. Inspections for purposes of provisions as to health,
(including inspections made by the Sanitary Inspector).

Premises	Number on Register	Inspections	Written Notices	Occupiers Prosecuted
1. Factories in which Sections 1, 2, 3, 4, and 6 are to be enforced by Local Authorities.	7	14	-	-
2. Factories not included in (1) in which Section 7 is enforced by the Local Authority.	13	16	-	-
3. Other premises in which Section 7 is enforced by the Local Authority (excluding Outworkers).	-	-	-	-
Total	20	30	-	-

FACTORIES ACT, 1937. (Continued).

2.-----					
No. of cases in which defects were found					
	Found	Remedied	Referred		No. of cases in which prosecutions were instituted
			To H.M. Inspector	By H.M. Inspector	
Want of Cleanliness	-	-	-	-	-
Overcrowding	-	-	-	-	-
Unreasonable temperature.	-	-	-	-	-
Inadequate ventilation.	-	-	-	-	-
Ineffective drainage of floors.	-	-	-	-	-
Sanitary Conveniences.					
(a) Insufficient	1	-	-	-	-
(b) Unsuitable or defective	-	-	-	-	-
(c) Not separate for sexes.	-	-	-	-	-
Other offences against the Act (not including offences relating to Outwork)	-	-	-	-	-
Total	1	-	-	-	-

GENERAL PROVISIONS OF HEALTH SERVICES IN THE P.M.Laboratory Facilities.

Provision for the bacteriological analysis of milk, water and pathological specimens is made by the Public Health Emergency Laboratory at the Memorial Hospital Peterborough, under Dr. D.H. Fulton.

Ambulance Facilities.

The Ambulance Service is provided by the St. John Ambulance Brigade, Stamford, on behalf of and under the control of the Rutland County Council. This service has operated smoothly and well.

Infectious disease cases are conveyed by Peterborough County Council ambulances by arrangement with the Rutland County Council.

First-aid in the Home.

Provided by the County Council under the National Health Service.

GENERAL PROVISIONS OF HEALTH SERVICES IN THE AREA. (Continued).

General Hospitals.

Acute and Maternity admissions to:-
Stamford & Rutland Hospital, under No. 12 Area Peterborough Hospital Management Committee of the East Anglian Regional Hospital Board.

Chronic & Long term illness to:-
either - St. George's Hospital, Stamford,
or - "The Ashes", Oakham.

Isolation Hospital.

Infectious cases are admitted to the Peterborough Isolation Hospital under the Peterborough Hospital Management Committee.

Treatment Centres and Clinics.

(a) Provided by the County Council:-

Child Welfare, Ketton - twice monthly.

Children also attend the Westeven County Council Child Welfare Clinic, Barn Hill House, Stamford, weekly on Fridays 2 - 4 p.m.

Diphtheria immunisation is provided under the General Medical Practitioner Service of the Rutland County Council.

(b) Provided by the Regional Hospital Board:-

Tuberculosis.

Weekly clinic - Tuesdays from 9.30 a.m.

Stamford & Rutland Hospital,
Stamford.

Under Dr. C. Bernard Royce, Consulting Chest Physician,
Peterborough Group of Hospitals.

SANITARY CIRCUMSTANCES OF THE AREA.

Water.

Work has commenced on the much needed piped supply for the Ryhall group of villages. A bore hole was sunk at Ryhall giving water adequate in quantity and quality. This supply will be piped to Ryhall, Belmishorpe, Essendine, Great and Little Casterton. The parish of Tinwell has now been connected to the main Stamford Borough supply. Pickworth is provided with water from an existing bore (127 ft) in nearby gravel pits, the owner of source and supply is the Marquess of Exeter. K.G., C.M.G.

The Ketton supply has been satisfactory in quality and quantity. A scheme has been prepared for a piped supply at Clipsham.

SANITARY CIRCUMSTANCES OF THE AREA. (Continued).

Chemical Analysis.

		New Bore, Ryhall.	Gravel Pits, Pickworth.
Nitrogen, Ammoniacal		0.004	0.004
" Albuminoid		0.003	0.002
" Nitrous		None	None
" Nitric		0.012	0.186
Oxygen Absorbed in 15 mins ...		0.027	0.014
" " " 4 hours		0.035	0.032
Chlorine		2.60	2.80
" expressed as sodium chloride		4.30	4.62
Total Solid Matter, dried at 100°C		46.0	29.0
Hardness, Temporary		24.5	23.50
" Permanent		8.5	5.50
Metals (copper, lead, iron, zinc)			trace of iron

Report on the analysis is satisfactory.

Estimated number of dwelling houses supplied from public mains:-

	(a) Direct to House	Population represented	(b) by Stand- pipes.	Population represented.
Clipsham	-	-	33	105
Essendine	26	83	32	104
Great Casterton	4	12	67	208
Ketton	293	937	38	121
Little Casterton	6	19	42	154
Pickworth	8	25	20	64
Ryhall	2	6	186	595
Tinwell	10	32	56	179
Tixover	-	-	17	54

(Density 3.2 per house).

DRAINAGE AND SEWERAGE.

That of surface water only.

Closet Accommodation.

By pail closet and water closet.

Public Cleansing.

By scavenger under contract with the Council for collection of night soil and house refuse in all the main villages, once weekly, and a monthly collection of house refuse only in the rest of the district.

The scheme for the water borne disposal of sewerage has been agreed in principle and a public inquiry is awaited.

As in neighbouring Rural Districts the disposal of night soil is a great difficulty and in my opinion a danger to health during the summer months owing to the impossibility until after harvest of disposing of this refuse on to land. This difficulty has increased of recent years on account of the large increase of land under the plough and every available space being cultivated. One consequence is the danger of disposal of night soil into pits during this time, which may well be a danger to underground water supplies.

Until such a time as a main sewerage system is installed, the hygienic and controlled disposal of night soil requires official consideration and action, e.g. purchase of a suitable piece of land for trenching and burying of excreta.

PREVALENCE OF AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

As recorded earlier in this report, the incidence and severity of infectious diseases have been extremely low during the year and in each case well under the average for the County as a whole. No cases of diphtheria have been reported.

Diphtheria Immunisation.

This is carried out under the General Practitioner Service of the County Council.

Tuberculosis.

One new case only of Respiratory Tuberculosis was reported and there were no deaths from this disease.

Patients attend the Stamford Hospital Chest Clinic under Dr. C. Bernard Royce for screening and artificial pneumothorax treatment.

Statistics dealing with Housing, Meat and Food Infections are detailed in the Sanitary Inspector's report.

- 10 -
KETTON RURAL DISTRICT COUNCIL.

SANITARY INSPECTOR'S ANNUAL REPORT FOR THE YEAR 1949.

for incorporation in the Annual Report of the Medical Officer of Health.

TABULAR STATEMENT OF INSPECTIONS

Housing	42
Cowsheds and Dairies	5
Meat and Food	16
Factories	30
Water Supplies	135
Refuse Disposal	21
Building	91
Miscellaneous	382
	<hr/>
TOTAL	722
	<hr/>

NOTICES SERVED

	<u>Issued</u>	<u>Complied with</u>
Informal	12	8
Statutory	1	0

INFECTIOUS DISEASES AND DISINFECTION

Terminal disinfection of houses has been carried out in respect of 4 cases of scarlet fever, all of which were nursed at home, in the following Parishes:-

Ketton 2. Little Casterton . 2.

DISINFESTATION

Disinfestation of 2 houses which were found to be infested with bugs, has been carried out in the Parish of Little Casterton.

HOUSING INSPECTION.

Owing to the fact that no new Council Houses were completed during the year, little progress has been possible in this direction.

No. of visits	42
No. of houses inspected	37
No. of houses inspected and recorded	32
No. of inspections made for the purpose	37
No. of houses found unfit for habitation	Nil
No. of houses not in all respects fit	15
<u>Remedy of defects.</u>	
No. of houses repaired as a result of informal action	6
No. repaired as a result of action under Sec 9, Housing Act, 1936.	Nil
No. of houses closed as a result of action under Sec. 11 Housing Act, 1936.	Nil
No. of new cases of overcrowding discovered	Nil
No. of cases of overcrowding abated	Nil

Proceedings under Public Health Acts.

No. of houses in respect of which notices were served	5
No. of houses repaired by owners.	Nil

NEW BUILDINGS.

20 plans were deposited and 19 approved under the Building Byelaws. The Plans approved included those for 10 houses to be erected by private enterprise. No Council Houses were completed during the year but 24 houses were in course of erection at Ryhall and 4 at Ketton. 5 houses erected by private enterprise were completed during the year in the following Parishes:- Essendine (2), Ketton (2), Ryhall (1). In addition 2 premises were converted into 4 housing units during the year. Three cases of unauthorised building were discovered during the year. In one case the work was demolished and in the remaining cases Plans were deposited and approved.

BUILDING LICENSING.

Nine building licences for essential works were issued during the year but the restricted licence quota has severely restricted both new building and works of repair.

MEAT AND FOODS.

The three licensed slaughter-houses continue to be used only for an occasional emergency slaughter and for the slaughter of private bacon pigs. One pig slaughtered privately of which a portion was sold to the Ministry of Food was inspected and found to be satisfactory.

One shop in the Parish of Tinwell was registered for the sale of ice cream and there were no other changes in the Registers to record.

The following food was condemned as unfit for human consumption:-

3 tins Tomatoes. 1 tin Evaporated Milk.

COWSHEDS AND DAIRIES.

The transfer of responsibility for the supervision of milk producers' premises to the Ministry of Agriculture took place during the year and there are now no (non-producer) distributors operating from premises in the District. It is disturbing to note that no arrangements for the inspection of undesignated producers' premises are apparently being made by the Ministry.

FACTORIES.

The number of registered premises remains unchanged. Complaints of the deposit of grit from the chimney of a cement works were received and it was found that the trouble was caused by the burning of low-grade pulverised fuel in the kilns. As a result of informal representations to the firm technical measures were taken to abate the nuisance.

WATER SUPPLIES.

During the year a Ministry of Health enquiry held in connection with the scheme for supplying the northern group of Parishes resulted in approval being given. The first of the twin bore holes were sunk at Ryhall and gave an excellent yield both in respect of quantity and quality of water. A sample from this bore was reported chemically and bacteriologically satisfactory.

WATER SUPPLIES. (Continued)

It was proposed to use a supply from Pickworth gravel pits to supply Council Houses to be erected in the Parish and a sample from this source was also found to be chemically and bacteriologically satisfactory.

During the year a chlorinator of the automatic controlled dosage type was installed for the Ketton supply and the following table shows the results of samples from this source.

	No. of samples	Satisfactory	Suspicious	Unsatisfactory
Unchlorinated	7	4	1	2
Chlorinated	6	6	-	-

Samples from three private wells at Ketton were all reported unsatisfactory and arrangements were made to connect the premises supplied to the main supply.

COMPLAINTS.

19 complaints of a miscellaneous nature were received and all received appropriate attention.

L. J. ROLL.

July, 1950.

Sanitary Inspector & Surveyor.

